

Grimes Carbon Tech Says U.S. Can Produce Enough Rare Earths to Exceed Demand for the Next 1,000 Years

GCT to preview its proprietary technology on May 21, 2025 at 10 am EDT (GMT-4)

NEW YORK, NY, UNITED STATES, May 1, 2025 /EINPresswire.com/ -- [Green energy](#) start-up, Grimes Carbon Tech (GCT) will preview its proprietary technology for turning existing and abandoned [coal](#) mines into major sources of green energy and [rare earth minerals](#) during a Zoom presentation on Thursday, May 21, 2025, at 10:00 am EDT (GMT-4).

“

The only problem with coal is burning it.”

Dr. Patrick Grimes

On the call, GCT founder, Joseph Maceda and Haydn Palliser, founder of Pivotal180 will discuss GCT's ability to

provide a plentiful, local supply of green energy and rare earth minerals from coal.

Given the current geopolitical instability, the U.S. faces two challenges that GCT can address: 1) energy demand far outpaces supply, with waits for grid connections as long as 7 years; and 2) 70% of our critical rare earth minerals come from China, even though we can meet more than 100% of our demand for those minerals using the waste from local coal mines.

Joe and Haydn will also discuss the current state of the company and investment options. To register for the Zoom call, please send your name, organization name and e-mail to info@grimescarbontech.com.

About Grimes Carbon Tech (GCT). GCT was founded in 2022 based on a long collaboration between Dr. Patrick Grimes and Joseph Maceda, who worked together to reverse engineer nature's processes to convert carbon and low-grade heat into valuable energy. GCT began with a mission to make green energy readily available anywhere in the world without the need for a centralized grid connection.

In 1961, after building the first fuel cell vehicle, Dr Grimes was the principal investigator for the Army Energy Depot Project, which outlined his method for synthesizing fuels from atmospheric CO₂. Although his ideas were never commercialized during his lifetime, he and Joseph Maceda continued to research practical ways to create a well-managed carbon energy economy. Before Dr. Grimes' death in 2007, he saw his work validated in the lab and secured the first patents for

GCT's proprietary approach.

Today GCT is prepared to commercialize and deploy Dr. Grimes' methodology to enable a rapid scale-up to meet soaring demand for cheap, grid-independent, clean energy.

Learn more at <https://grimescarbontech.com>.

Joseph Maceda
Grimes Carbon Tech
+1 917-932-7583
info@grimescarbontech.com

This press release can be viewed online at: <https://www.einpresswire.com/article/808171696>

EIN Presswire's priority is source transparency. We do not allow opaque clients, and our editors try to be careful about weeding out false and misleading content. As a user, if you see something we have missed, please do bring it to our attention. Your help is welcome. EIN Presswire, Everyone's Internet News Presswire™, tries to define some of the boundaries that are reasonable in today's world. Please see our Editorial Guidelines for more information.

© 1995-2025 Newsmatics Inc. All Right Reserved.